

Clearly imprinted to allow, & be

- | | | | |
|-----|---------------------------|-----|-------------------------|
| L | Cystopter. bulb. | L | Tricula mustan |
| S | Danthonia interm | | Lanceol |
| S | Brachamps flex. alp. | S | Ledum foene |
| GK. | Phleum alpinum | GK. | Kalmia polifolia |
| GK. | Baux impua | GK. | Thododendron Thod |
| G. | Baux sax. & ml. | G. | Kalmia angust |
| G. | " oligosperma | G. | Vaccin ulig. |
| G. | " michauxiana | G. | " camp- |
| L | Rhynchospora capillacea | GK. | " nubif. |
| GK. | Eriophorum callitrix | GK. | " oval. |
| G. | Scirpus hudsonianus | GK. | " penn. |
| | " caespitosus? | S | Lobelia Lamm |
| L | Juncus Duslar | S | Cirsium nut. mont. |
| L | Topiedia glutinosa. | GK. | Arnica melleo- |
| L | Cyp. par. fl. pub. | GK. | chion- |
| L | Thuya occid? | G | Ascle. nemor- |
| S | Pinus Banks | S | Solid. mult. |
| GK. | Empetrum nigr | G | Louisa caerule |
| GK. | Salix arctic. | G | Drosera rotund |
| GK. | Betula glandulosa | L | Panassia carol. |
| GK. | Polyg. vivip | L | Ribes ox. calc |
| L | Prinpsala vulf | L | Potentilla frut? |
| G | Meryantha | | Ascle. nemor |

for note

- 5- 9 Potentilla palustris
- 25- 9 Rubus Chamaemorus
- 25- 9 Spiza Foeniculi
- 40 " latifolia
- 25- 9 Oxytropis
- 6 " astragalus
- 5- 9 Ranunculus
- 20 9 Ranunculus
- 10 9 Ranunculus alpinus
- 20 9 Lichnia alpina
- 10 9 Arabis alpina
- ~~20~~
- 8
- ~~5~~
- ~~5~~
- ~~10~~
- 25
- 10
- 20
- ~~10~~
- 15
- 10
- 25
- 75
- 15
- 10
- 20
- 3
- 20
- 15

35) 487 (13-14 lbs a day
 35
 137
 5

6) 13 (2-

Aspid. fragrans
Asplen. virens
Pellaea gracilis
Nodia ~~label~~
" ~~hyp. pers.~~
L. Selago var. patens
Asplenium Thunbergii
~~Asplenium~~
Calamagrostis hypoleuca
Festuca tenax
Carex atrata
C. diurna
C. scirpoides
Scirpus caespitosus
Luzula spicata
Brenaria serena, var. *propinqua*
Draba stibaris
D. arabisans
Saxifraga aizoides
S. aizoon
S. sparsifolia

Potentilla fruticosa
Artragale Blakeri
Pyrola minor
Primula nuptaensis
Gentiana amarella
Castilleja pallida
Pinguicula vulgaris
Antennaria canad.
Erigeron hypoleucus

Lycopodium selago
Agrostis borealis
Calamagrostis brevifolia
Deschampsia atropurp.
Hierochloa alpina
Poa lapa
Carex brunnescens
C. Michauxiana
C. rigida var. *Bigelovii*
Scirpus caespitosus
Juncus filiformis
J. trifidus
Luzula parviflora
Saxif. balsamifera
S. phyllifolia
S. Uva-ursi

Alnus
Betula papyr. var. *minor*
Comandra livida
Polygonum viviparum

Ames
St. Louis
March

Herb. Acad. Sci. St. Louis
March 1881

Equiset. arbo.

(over)

Allens Ravine to Crest, in west.

Delagnella selagin

Serpentine slopes & in bogs -
& Hombel -

Lycopod Selago -

Slopes (H. & S).

" lucidulum -

Woods to timberline.

" amatum

Slopes -

" var. alpestre.

Crests.

" sitchense

Scrub spruce SW. of Flagstaff Pt.

" " head of Eskaytoy Riv.

L. alpinum -

Damp n. slope, Hombel.

Pheopt - podypod -

Damp slopes, alpine meadows etc.

" Dryopt " " " "

Adiantum - alcat -

Serpentine from crest to Lac au Diab.

Locally on Hombel. in ravines

Equisetum arvense
Allen's Ravine up to 3000 ft.

E. pratense -
Allen's Ravine up to 1800 ft.

Oteris aquilina -

Low spruces along shore Br -

Cryptogramma densa

Southern slope - Devils Gulch - Dry seeps -

Asplen. vivide

1 pl -

" "

damp crev "

" *Filix-foem.* - abund on damp slopes -

Polyst. scopulinum -

Southerly slopes - Dry seeps -

Dev. Gulch - & asbestos Br -

Polyst. Braunii,

Allen's Ravine.

Aspid. fragrans -

Boulder in woods, Macombs Br.

" *spim. dilat.*

Damp slopes -

Cystopt. dubia -

Macombs Br.

" *fragilis*

Mac Br. Allen's Rav. 250 ft -

" *montana*

Mac - Br. Allen's Ravine
below 1500 ft -

Woodsia ilvensis
Allen's Ravine. ^{with} ~~at~~ Flapstaff Peak
Cornuda Claft. (over
Hornbl. slopes =

Larix -
Scattered on serpentine to Summit
Dwarf -

Picea canadensis,
Hornbl. chiefly -

Picea mariana -
abund on serp. Dwarf on Summit
local on hornbl. crests,

Abies balsamea - (over
General - Dwarf.

Junip. Com. mont.
General - ^{most} abund. on serp -

Hierichlae odorata,
Bef S. of Flapstaff Peak

" *alpina* -
Hornbl crests & crevices -

Oryzopsis asp
General in damp open places -

Milium
Malcom's Rav. Allen's Ravine
up to 3000

Onoclea Struth.

Allen's Rav. below 2000 ft.

Thuja occidentalis.

Allen's Ravine below 1600

Phleum alpinum -

Com - Humbl. slopes - E

Cerua latifolia

Com - slopes & meadows -

Agrostis borealis

Common on slopes -

Ag. hiemalis, var. *gemmata*,

Snow Brook, Devils Gulch -

Calamag. canad.

Common -

Calamag. Lausd.

Humbl. slopes near crest -

" *reflexa*, var. *borealis*

Small pond (seep) head of Allen's Ravine

" " " " of Plaque Malade

Feschamp caesp. alp. -

Common on seep -

" *flex.*

Common -

" *atropurpurea*

Humbl. slopes - seeps & meadows
on north side down to 2000 ft on banks

Trisetum subsp. nalle
Allens Ravine

Avena striata
Common

" " *forma albicans* —
Common

Danthonia spicata

Drills Gulch - Snow Br -

" *intermedia*

Top head of Asbestos Br,
Asbest. Br - Snow Br - Drills Gulch -
Meadow E. of East Peak - (type)

Poa alpina,

Maconn Br, Allens Ravine

Poa —

Allens Ravine

Poa glauca —

Maconn Br - Allens Rav. 18000 ft -

Gnaphosium —

Maconn Br.

Festuca arvensis

Common on serpentine

Aporosa violacea —

Bay s.w. of Flagstaff Pt.

" *Kueran* ?

" & Devils Gulch, Snow Ber.

" ~~canum~~ ^{align} Rav below 2000 ft

Scirp caesp —

Everywhere

Erioph Cham —

Bay s.w. of Flagstaff Pt. - Pondholes

in deep —

Erioph callitrix —

Bay s.w. of Flagstaff Pt.

E. polystach .

" " " " "

Carex Denryua var. *Bolan* var. *willi*

Macrom Bo —

C. trisperma —

Bay s.w. Flagst.

C. lasiocoma.

Springs, spots & crevices of Mount

North slope —

Carex acuta

Allen's Farm. Nelson Nov.

Carex canescens

Pond at head of Riv. Plagne Malcha

C. brunnocens

Common

C. stellulata

Frequent in baggy places

C. scirpoides

Common

C. reflexa

Allen's Rav

C. pedunculata

Macoma Brook

C. vaginata

By sw. of Crystall

C. laxiflora, var. *leptocoma*

Humble, slope

C. acutata

C. capillaris

C. cap. var. *elongata*

Macoma Brook

Caeser paupercula

Common by ponds

C. pauciflora, var. *virgata* -

Rare & punctate

C. limosa

Common

C. rigida

Common - frequent by pond

C. aquatica

Rare & not shown

C. atrata, var. *ovata*

Allen's Rare

C. costata

Rare in the West

C. pauciflora

Rare

Quercus trifida

Common

Luzula parviflora

Common

Luzula spicata, var. *truncata*,
allens Rame

Clintonia

Common on slopes on ^{mountain} ~~in~~ _{flange}

Smilacina trifolia

Bay on. of Flap

Maianth

Com except on ^{mountain} ~~in~~ _{flange}

Streptopus amplex

Com. on slopes

S. oreopalis

Humblebees slopes, chiefly damp

S. nescius

" " "

Habenaria obtusata

Allenstewine - below

H. dilatata ~~abundant~~

abundant

H. orbiculata near base 1500

Lychnis cordata

Handl slope

What you know
as people
themselves

Crallish. minuta

Bas. on soft leafy
populus-like
Maccus & allens below 1800
Salix ventrata

Maccus, Por to 2300

allens, 2000

1.

hirsuta

"

"

"

"

discolor

"

"

"

"

S.

argyrocarpa

9

S.

desertorum

Coal slopes of Sap

S.

desert, var stricta

Everywhere on Sap - most

pronounced on bark

S.

chlorolepis

Coal slopes of Sap

S.

glauca

Hambleton slope above Sap

Salix physilifolia

S. anacoreum -
abund

S. arctica ?
down Allent. 2300

S. pedicellaris -
Baf Br. of Flax

S. Uva Ursi
abund. on humble. crest

S. herbacea -
Humble. slopes - cool & sunny

Betula alba -
Snow Br. & Asbest Br.

B. a. var. cordifolia
Humble slopes -

B. a. var. minor
Common, esp. on humble

Betula
Humble, slopes

Betula glandulosa
Common

Alnus crispa
Humboldt slopes.

Comandra pumila
Common

Oxyria digyna
Humboldt slopes
Elevated up to 15000

Polygonum viviparum
Humboldt slopes

Lycium alpinum
Serpentine, ~~alt~~

Silene acaulis
Abundant, esp. on steep.

Grassia arvensis
Abundant, esp. on steep

Stellaria borealis
Common in wet

Saxifraga saxifragoides
Allen's Ravine

Arenaria ciliata, var. *humifusa*
Abund. on scarp, but on damp slopes
rare on humbl.

A. sajanensis -

" " "

A. arctica

Abund. on scarp. ~~Allen's Ravine~~ ^{best on caucuses}

A. verna, var. *prop.* & forms *Sp.*
Scarp -

Hesperis subrotundum -

Small pond on Snow Bank above
entrance to Devils Gulch

Captis. Common on slopes etc.

Actaea rubra -

Humbl. slopes - scarce

Anemone patens

Allen's Ravine

Thal. ^{peaks}
Allen's Rav. up to 5000

Tanacetum pygmaeum

Not found - slope above camp

R. Allenii

Allen's Ranunculus

R. abortivus, var. succed.

Massena Br.

Aquilegia alpina

Massena Br. Allen's Ran.

Geol. Plover Trail, Mt. H. 11/12/2000
Lanacina

Part by Iron Br. 1850 ft

D. macra potent.

♂ self

Trillium nutt.

Humble slopes to crest

Chrysosplenium

Humble slopes to crest

Parnassia Katz

Allen's Ranunculus

Ribes lacustre

Allen Pass up to 2800

R. prostratum

Common

R. albinum

Humboldt slopes

Ribes arcticum

Humboldt slopes & in bays

R. castoreum

R. Kippen

Common

R. Haeussler

Humboldt slopes

Trifolium arcticum

Macoun to 2300

Potentilla fruticosa

Common, on bays etc.

P. tridentata

Humboldt, common on bays

Sibbalsia

Humboldt slopes - desc. in all Rav
to 1800

S. commutata

About -

S. macroceph.

Allan's var. up to 2800

Onocleaceae

About. Except on bays.

Papaver -

Com. on Humboldt slopes, all
small shrubs & stems.

Pomum fern.

Mac. & all. Rav. up to 2500

Peperomia -

Along Humboldt slopes

Cyperum -

Common

Aller spicata,

Common on v. slope up to
2500

Viola palustris.

Wet humil slopes down to 2500

V. Seeb.

Wet humil slopes up to 3000

V. pallens -

Wet humil slopes

V. incognita

V. renjolia

..... "

V. labradorica

Humil slopes at circ. medice

Epilobium angustatum

Humil -

S. alpinum

Humil,

S. alp. font

S. anagall.

"

S. elyana Kun

Bay area of Flaxstaff

S. palustris

Bryonia alpestris

Wet humid slopes to 2800

Aralia nudicaulis

Humid up to 3000 -

Comarostaphylis

Common -

Heracleum

Common on humil -

Geranium

Wet to 3000 up to 2500

Com. obtusata

Crest.

Com. canad.

Common -

B. stolon.

Humid slopes up to 3000

Populus minor

Honbl.

Populus pennata

"

P. ser. memulans

King on opposite

provision

Honbl slopes

Manotapa Hys

woods below 2500 ft slope

Ma - night

"

Tabernaemontana

Common

Rhus leptophloeos

Common - slopes on steep

Cissampelos

Salvia outret

Scrub on hillside of mountain

K. p. albifolia

Common leafy 2000 ft down

Phyllodoce -

Common on Lough & on steep
meadow slopes

Saxifrage -

Heath slopes

Andromeda glauc

Common

Gnaphalium -

By small ponds near Lough Br.
above Lough Linn.

Epigaea

Up Davis Hill to 3300

Arctost. Uva Ursi

Scroph. Ceanoth

Arct. - Alp

Comm. umbell.

Vacc. ulig.

Abund

Vacc. caesp.

Abund Lough dec. 1-2000

Vacc ovalifolia
Humboldt, Dec to 1500

Vacc ———
" " " 1500

V. canadense
Snow Brook —

V. penn. var. august
Common

V. vitis-Idaea var. corymbosa —
Common —

V. oxycoccos —
Baptist Mt slopes —

V. angustifolia
Humboldt slopes in leaf

Diapensia
Common —

Pinguicula
Common

Statice americana

Serp -

Halemi deflexa

Allen's Prairie, up to 3200

Vernonia americana

Allen's Pr. Below 1500

V. alpina var. *malacoch* -

Humboldt slopes (wet) down to 9000

V. serg. var. *borealis*

"

Castilleja

" " in meadows (Sept)

Thermopsis

Dry spruce bush

Galium Kautsch -

Humboldt slopes

" *triflorum* -

" "

Galium asperum —
Allen's Rav. up to 1800

Sambucus racemosa —
Allen's Rav. up to 2800

Viburnum pauciflorum —
Com —

Vib Op —

?

Juncea —
Com —

Lonicera caerulea —
Base —

Lonic. piliat. —
Woods toward base

Campanula —
Com —

Solidago —
Com —

S. decumbens
Snow Brook to tops

Solid multicaud -
Abund on seeps -

Aster foliaceus
Abund in seeps -

Aster princeps -
Humboldt slopes

Aster acuminatus -
Woods at base

Autumnalis Caust
up Macombs Br. to 2300

Anaph. may. veid.
up Macombs & Allens to 2300

Graph. norweg.
Humboldt descent. to 2000

Achillea
meadows & gaps - west Humboldt

Astragalus borealis
Abund on seeps

Act. -
Snow Br. & hills Allens rare
causal

Polygonum
west Humboldt

Arnica mollis

Humbl slopes, wet

Senecio —

Snow Brook & hills, & slopes

Cirsium —

Abund on sep, wet —

Taraxacum

Humbl. wet —

Prenanthes aetivis —

Lower slopes & up alpine Pass

to 2800 —

Prenanthes —

Com —